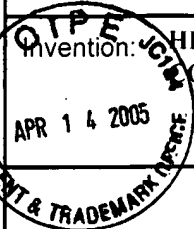
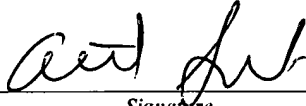
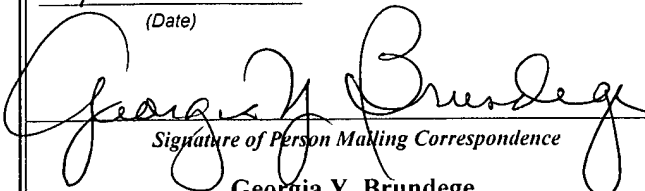


2191

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>					Docket No. <b>SJO920010113US1</b>	
Applicant(s): <b>Harty et al</b>						
Application No. <b>10/047,223</b>	Filing Date <b>01/15/02</b>	Examiner <b>Q. Nahar</b>	Customer No. <b>26502</b>	Group Art Unit <b>2191</b>	Confirmation No. <b>5751</b>	
Invention: <b>HIERARCHICAL MULTI-COMPONENT TRACE FACILITY USING MULTIPLE BUFFERS PER COMPONENT</b>						
						
<u>COMMISSIONER FOR PATENTS:</u>						
Transmitted herewith is an amendment in the above-identified application.						
The fee has been calculated and is transmitted as shown below.						
<b>CLAIMS AS AMENDED</b>						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	-	20 =	0	x \$50.00	\$0.00	
INDEP. CLAIMS	-	3 =	0	x \$200.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>	
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>09-0457</b> <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.						
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>						
 _____ Signature			Dated: <b>Apr 11, 2005</b>			
<b>Arthur J. Samodovitz Reg. No: 31,297</b> <b>IBM Corporation Dept. IQ0A/Bldg. 40-3</b> <b>1701 North Street</b> <b>Endicott, NY 13760</b>			<div style="border: 1px solid black; padding: 5px;">         I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on  <b>4-12-05</b>          (Date)            Signature of Person Mailing Correspondence  <b>Georgia Y. Brundege</b>          Typed or Printed Name of Person Mailing Correspondence       </div>			
cc: RECORDS						



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

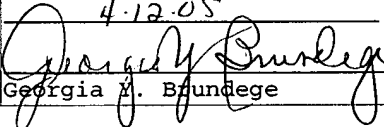
In re Patent Application:	:	Group Art Unit: 2191
Harty et al	:	Examiner: Qamrun Nahar
Serial No.: 10/047,223	:	IBM Corporation
Filed: 01/15/2002	:	Intellectual Property Law
Title: HIERARCHICAL MULTI-COMPONENT	:	Department IQ0A/040-3
TRACE FACILITY USING MULTIPLE	:	1701 North Street
BUFFERS PER COMPONENT	:	Endicott, NY 13760

Assistant Commissioner For Patents

Washington, DC 20231

Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

4-12-05  
  
Georgia E. Brundage  
4-12-05  
Date

SUBSTITUTE RESPONSE

In response to the Notice of Non-Compliance mailed March 23, 2005, this Substitute Response is being filed to the Office Action dated 11/03/2004 (replacing the Response received in the USPTO on January 18, 2005):